TABLE 11

GRAPHICAL COMPARISON

High 96
Calories per m³ =834
852

OF FUELS

L
ow
Blast-furnace gas, No. 1. B.t.u.
per cubic foot= 94

Composition Volumetric	Products of Combustion per 100 Volumes of Gas				Percentage Basis (Wet)			
	Air Supply in Percentage of the Theoretical Requirements							
	100 %	120 %	140 %	180 %	100 %	120 %	140 %	180 %
H_2 3.92								
CO 23.95	0.00	2.71	5.42	10.84	0.00	1.62	2.99	5.21
0_2 0.39	36.91	36.91	36.91	36.91	23.99	22.05	20.40	17.74
$C0_2$ 12.96	5.57	5.57	5.57	5.57	3.62	3.33	3.08	2.68
H_20	111.33	122.17	133.01	154.69	72.39	73.00	73.53	74.37
Weight, kg per m³	153.81	167.36	180.91	208.01				
	67.7			121.05				
					Percentage Basis (Dry)			
				0_2	0.00	1.67	3.09	5.36
				$C0_2$	24.90	22.81	21.05	18.23
				N_2	75.10	75.52	75.86	76.41